

Title (en)
SEAT BELT BUCKLE

Title (de)
SICHERHEITSGURTSCHNALLE

Title (fr)
BOUCLE DE CEINTURE DE SÉCURITÉ

Publication
EP 2173210 A4 20110601 (EN)

Application
EP 08768249 A 20080609

Priority
• US 2008007178 W 20080609
• DE 202007011066 U 20070808

Abstract (en)
[origin: US2009038126A1] A seat belt buckle has a frame that forms an insertion path for a buckle tongue of a seat belt. The seat belt buckle includes a locking device having a locking member for locking the buckle tongue) in the locked state. A retaining member is tensioned by a spring for securing the locking member in a locked state. An ejector for the buckle tongue is tensioned by a spring that is provided with at least one damping device to reduce the noise generated when the seat belt buckle changes from a locking state to a released state.

IPC 8 full level
A44B 11/25 (2006.01); **A44B 11/00** (2006.01)

CPC (source: EP US)
A44B 11/2523 (2013.01 - EP US); **A44B 11/2546** (2013.01 - EP US); **Y10T 24/45241** (2015.01 - EP US); **Y10T 24/45623** (2015.01 - EP US)

Citation (search report)
• [AD] DE 19904567 C1 20000608 - BREED AUTOMOTIVE TECH [US]
• [A] EP 0212507 A2 19870304 - AUTOFLUG GMBH [DE]
• [A] DE 3629424 A1 19871008 - FERNANDEZ MAYORALAS D JOAQUIN
• [A] DE 9202527 U1 19920416
• See references of WO 2009020486A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 202007011066 U1 20071018; EP 2173210 A1 20100414; EP 2173210 A4 20110601; US 2009038126 A1 20090212;
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US 201213445684 A 20120412